

Datasheet for ABIN1531734

anti-CSNK2A1/CK II alpha antibody (pTyr255)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	CSNK2A1/CK II alpha (CSNK2A1)
Binding Specificity:	AA 221-270, pTyr255
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSNK2A1/CK II alpha antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Casein Kinase II alpha around the phosphorylation site of Tyr255.
Isotype:	IgG
Specificity:	Casein Kinase II alpha (Phospho-Tyr255) Antibody detects endogenous levels of Casein Kinase II alpha only when phosphorylated at Tyr255. PhosphorylationH:Y255 M:Y255 R:Y255
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

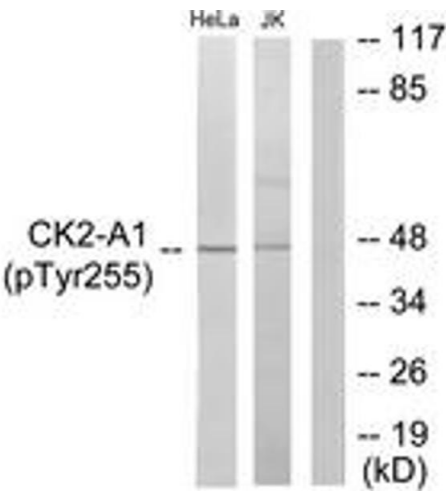
Target:	CSNK2A1/CK II alpha (CSNK2A1)
Abstract:	CSNK2A1 Products
Background:	Synonyms: CK II, CK2-alpha1, CK2A1, CKIIA, CSK21, CSNK2A1, Casein kinase II, alpha chain, kinase CK2-alpha1 NCBI Gene Symbol: CSNK2A1
Molecular Weight:	45 kDa
Gene ID:	1457
OMIM:	115440
UniProt:	P68400
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:10000
Comment:	Unigene-Number: Hs.644056, Hs.654675 (NCBI Gene Symbol: CSNK2A1)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HeLa cells and Jurkat cells, using Casein Kinase II alpha (Phospho-Tyr255) Antibody. The lane on the right is treated with the synthesized peptide.